



3763/4

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Patent Application of:) Art Unit: 3763
Applicant: P.J. Crocker)
Serial No.: 10/049,890) Examiner: R. Ghafoorian

Filed: 13 February 2002) Docket No.: IPL-2-PCT

INFORMATION DISCLOSURE STATEMENT

Honorable Commissioner of
Patents and Trademarks
Washington, D.C. 20231

I hereby certify that this
correspondence is being deposited with
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addressed to: Assistant Commissioner
for Patents, Washington, D.C. 20231
on 23 JANUARY 2003

R.B. SHERER
R.B. Sherer
23 Jan. 03

Sir:

Pursuant to 37 CFR §1.56, §1.97 and §1.98 in relation to the
subject new application, enclosed is Form PTO-FB-A820 listing 94
references, together with a copy of each of these references.

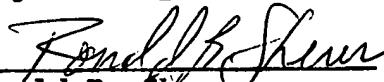
All references are in English or translations are provided.

None of these references anticipate the subject matter
claimed in the subject application. However, it is requested that
they be made of record as having been considered in the
prosecution of the subject application.

01/28/2003 TBESHAN1 00000041 500765 10049890

01 FC:1806 180.00 CH

Respectfully submitted,


Ronald B. Sherer
Counsel for Applicant
Registration no. 19,977

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TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT
(Under 37 CFR 1.97(b) or 1.97(c))

Docket No.

JPL-2-PCT

In Re Application Of:

P.J. CROCKER

Serial No.	Filing Date	Examiner	Group Art Unit
10/049,890	13 FEB. 2002	R. GHAFORIAN	3763

Title:

INJECTION MEANS



Payment of Fee

(Only complete if Applicant elects to pay the fee set forth in 37 CFR 1.17(p))

A check in the amount of _____ is attached.

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IPL-2..PC 10/049, 890

P. J. CROCKER

Anglikan(s)

Filing Date

Group Art Unit

2/13/2002

3763

U.S. PATENT DOCUMENTS

REF.	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	3,957,051	5/76	TOPHAM	128	278	
	6,065,371	5/00	YACOWITZ	81	9.22	
	6,030,404	2/00	LAWSON	606	186	
	5,860,957	1/99	JACOBSEN ET AL	604	156	
	5,848,991	12/98	GROSS ET AL	604	140	
	5,451,210	9/95	KRAMER ET AL	604	137	
	5,911,703	6/99	SLATE ET AL	604	68	
	6,068,855	5/00	LESLIE ET AL	424	468	
	4,968,302	11/90	SCHLUTER ET AL	604	135	
	4,351,335	9/82	WHITNEY ET AL	128	218	
	4,781,689	11/88	SEALFON ET AL	604	134	

FOREIGN PATENT DOCUMENTS

REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO

OTHER DOCUMENTS (*Including Author, Title, Date, Pertinent Pages, Etc.*)

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U.S. PATENT AND TRADEMARK OFFICE

INFORMATION DISCLOSURE CITATION		144 27 2003	ocket Number (Optional)	Application Number
(Use several sheets if necessary)			IPL-2-PCT	10/049,890
		Applicant(s)	P. J. CROCKER	
		Filing Date	2/13/2002	
			Group Art Unit 3763	

U.S. PATENT DOCUMENTS

REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5,697,901	12/97	ERIKSSON	604	46	
	4,583,060	4/86	BAILEY	128	316	
	4,508,106	4/85	ANGRES	128	1	
	5,054,339	10/91	YACOWITZ	81	9.22	
	5,401,242	3/95	YACOWITZ	604	48	
	4,914,988	4/90	CHANG	81	9.22	
	4,671,277	6/87	BEUCHAT	128	316	
	5,472,449	12/95	CHOU	606	186	
	4,392,493	7/83	NIEMEIJER	128	316	
	4,214,490	7/80	CHIZEK	81	9.22	
	4,719,825	1/88	LAHAYE ET AL	81	9.22	

FOREIGN PATENT DOCUMENTS

REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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13 IPL-2-PCT

Application Number

10/047, 890

Applicant(s)

P. J. CROCKER

Filing Date

2/13/2002

Group Art Unit

3763

U.S. PATENT DOCUMENTS

ITEM CAT.	REF.	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		4,413,993	11/83	GUTTMAN	604	274	
		2,634,726	4/53	HANSON	128	221	
		2,862,495	5/55	GEWECKE	128	221	
		3,181,336	5/65	SCHOFIELD	72	340	
		4,383,530	5/83	BRUNO	604	274	
		5,515,871	5/96	BITTNER ET AL	128	898	
		4,838,841	6/89	MASSAL	604	272	
		4,411,657	10/83	GALINDO	604	274	
		5,848,996	12/98	ELDOR	604	272	
		5,868,721	2/99	MARINACCI ET AL	604	272	
		4,921,475	5/90	SIBALIS	604	20	

FOREIGN PATENT DOCUMENTS

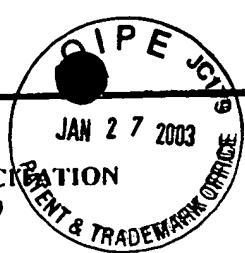
REF.	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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Packet Number (Optional)

Docket Number (Optional)
IPL-2-PCT

Application Number

Application Number
10/049,890

Applicant(s)

Applicant(s) P. J. CROCKER

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Filing Date 2/13/2002

Group Art Unit

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U.S. PATENT DOCUMENTS

REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5,225,750	7/93	HIGUCHI ET AL	318	280	
	5,262,128	11/93	LEIGHTON ET AL	422	100	
	5,364,374	11/94	MORRISON ET AL	604	272	
	4,204,438	5/80	BINARIS ET AL	81	9.22	
	5,279,552	1/94	MAGNET	604	47	
	5,271,744	12/93	KRAMER ET AL	604	51	
	5,681,283	10/97	BROWNFIELD.	604	136	
	5,564,436	10/96	HAKKY ET AL	128	754	
	5,060,658	10/91	DEJTER ET AL	128	753	
	5,580,859	12/96	FELGNER ET AL	514	44	
	4,188,949	2/80	ANTOSHKIN	128	218	

FOREIGN PATENT DOCUMENTS

REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO

OTHER DOCUMENTS (*Including Author, Title, Date, Pertinent Pages, Etc.*)

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Docket Number (Optional)	IPL-2-PCT	Application Number	10/049,890
Applicant(s)	P. J. CROCKER		
Filing Date	2/13/2002	Group Art Unit	3763

U.S. PATENT DOCUMENTS

AMINER NAME	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		5,318,584	6/94	LANGE ET AL	606	182	
		4,924,879	5/90	O'BRIEN	128	770	
		4,203,446	5/80	HOFERT ET AL	128	329	
		4,535,769	8/85	BURNS	128	314	
		4,257,561	3/81	McKINNEY	239	581	
		4,875,147	1/90	BODICKY ET AL	606	182	
		4,808,170	2/89	THORNTON ET AL	604	274	
		5,752,942	5/98	DOYLE ET AL	604	274	
		4,537,593	8/85	ALCHAS	604	411	
		5,716,348	2/98	MARINACCI ET AL	604	272	
		4,889,529	12/89	HAINDL	604	274	

FOREIGN PATENT DOCUMENTS

REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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Group Art Unit

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U.S. PATENT DOCUMENTS

ITEM NO.	REF.	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
.		3,964,482	6/76	GERSTEL ET AL	128	260	
.		6,057,090	5/00	MIKOSHIBA ET AL	430	607	
.		5,250,067	10/93	GELFFK ET AL	606	189	
.		5,279,552	1/94	MAGNET	604	47	
.		5,244,120	9/93	O'MEARA	222	94	
		4,990,135	2/91	TRUESDALE	604	47	
		4,862,772	10/89	PIPERATO	81	9.22	
.		4,771,660	10/88	YACOWITZ	81	9.22	
		4,666,438	5/87	RAUKERSON	604	272	
		4,592,744	6/86	JAGGER ET AL	604	192	
		4,286,599	9/81	HAHN ET AL	128	316	

FOREIGN PATENT DOCUMENTS

REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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Applicant(s)

P. J. CROCKER

Filing Date

2/13/2002

Group Art Unit

3763

U.S. PATENT DOCUMENTS

REF AL.	REF.	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		4,710,830	12/88	HAMACHER	604	274	
		4,699,692	10/87	ALLTIO	162	199	
		4,665,912	5/87	BURTON	128	303	
		5,076,282	12/91	FISHMAN ET AL	128	743	
		5,496,301	3/96	CHASAN	606	1	
		5,611,606	3/97	JANG	606	167	
		3,787,315	1/74	LAURENS	128	173	
		4,031,892	6/77	HURSCHMAN	128	218	
		4,437,361	3/84	STECKEL ET AL	81	9.22	

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REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO
	WO92/20388	11/92	P. C. T.	A61M	5/20		
	058,536	4/86	E. P. O.	A61M	5/315		

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